

7000 GeV pp

Soft QCD

 $(K^-/K^+)/(\pi^+\pi^-)$ vs $|y|$ ($p_T > 1.2$ GeV) $(K^+ + K^-)/(\pi^+ + \pi^-)$

- LHCb
- - ■ Pythia 6.428 359
- - △ Pythia 6.428 370
- - ▲ Pythia 6.428 a
- - ▼ Pythia 6.428 dw
- - ○ Pythia 6.428 p0
- - ☆ Pythia 6.428 pro-q2o

Rivet 3.1.10, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

LHCb_2012_I1119400

Ratio to LHCb

2

1

0.5

 η

2.5

3

3.5

4

4.5